

Titles of Most Frequently Occurring Classifications of Patents Returned
From A Search of 09711590 on January 10, 2003

14 455/436 (7 OR, 7 XR)

Class 455 : TELECOMMUNICATIONS
455/403 RADIOTELEPHONE SYSTEM
455/422 .Zoned or cellular telephone system
455/436 ..Handoff

7 455/439 (1 OR, 6 XR)

Class 455 : TELECOMMUNICATIONS
455/403 RADIOTELEPHONE SYSTEM
455/422 .Zoned or cellular telephone system
455/436 ..Handoff
455/439 ...Handoff initiated by another source (e.g.,
target, user initiated, mobile switching center (MSC), or
mobile telephone switching office (MTSO), etc.)

6 370/331 (2 OR, 4 XR)

Class 370 : MULTIPLEX COMMUNICATIONS
370/310 COMMUNICATION OVER FREE SPACE
370/328 .Having a plurality of contiguous regions
served by respective fixed stations
370/329 ..Channel assignment
370/331 ...Hand-off control

6 455/453 (0 OR, 6 XR)

Class 455 : TELECOMMUNICATIONS
455/403 RADIOTELEPHONE SYSTEM
455/422 .Zoned or cellular telephone system
455/450 ..Channel allocation
455/453 ...Load balancing

6 455/512 (2 OR, 4 XR)

Class 455 : TELECOMMUNICATIONS
455/39 TRANSMITTER AND RECEIVER AT SEPARATE STATIONS

455/500 .Plural transmitters or receivers (i.e., more
than two stations)
455/507 ..Central station (e.g., master, etc.)
455/509 ...Channel allocation
455/512Based on priority

5 455/432 (2 OR, 3 XR)

Class 455 : TELECOMMUNICATIONS
455/403 RADIOTELEPHONE SYSTEM
455/422 ..Zoned or cellular telephone system
455/432 ..Roaming

5 455/434 (1 OR, 4 XR)

Class 455 : TELECOMMUNICATIONS
455/403 RADIOTELEPHONE SYSTEM
455/422 ..Zoned or cellular telephone system
455/434 ..Control or access channel scanning

5 455/437 (2 OR, 3 XR)

Class 455 : TELECOMMUNICATIONS
455/403 RADIOTELEPHONE SYSTEM
455/422 ..Zoned or cellular telephone system
455/436 ..Handoff
455/437 ...Mobile assisted or initiated

5 455/450 (2 OR, 3 XR)

Class 455 : TELECOMMUNICATIONS
455/403 RADIOTELEPHONE SYSTEM
455/422 ..Zoned or cellular telephone system
455/450 ..Channel allocation

4 370/335 (3 OR, 1 XR)

Class 370 : MULTIPLEX COMMUNICATIONS
370/310 COMMUNICATION OVER FREE SPACE
370/328 ..Having a plurality of contiguous regions
 served by respective fixed stations
370/329 ..Channel assignment
370/335 ...Combining or distributing information via
 code word channels using multiple access techniques (e.g.,
 CDMA)

4 455/422 (1 OR, 3 XR)

Class 455 : TELECOMMUNICATIONS
455/403 RADIOTELEPHONE SYSTEM
455/422 ..Zoned or cellular telephone system

4 455/435 (2 OR, 2 XR)

Class 455 : TELECOMMUNICATIONS
455/403 RADIOTELEPHONE SYSTEM
455/422 ..Zoned or cellular telephone system
455/435 ..Registration

4 455/442 (0 OR, 4 XR)

Class 455 : TELECOMMUNICATIONS

455/403 RADIOTELEPHONE SYSTEM

455/422 ..Zoned or cellular telephone system

455/436 ..Handoff

455/442 ...Soft handoff

4 455/509 (1 OR, 3 XR)

Class 455 : TELECOMMUNICATIONS

455/39 TRANSMITTER AND RECEIVER AT SEPARATE STATIONS

455/500 ..Plural transmitters or receivers (i.e., more
than two stations)

455/507 ..Central station (e.g., master, etc.)

455/509 ...Channel allocation

3 370/468 (0 OR, 3 XR)

Class 370 : MULTIPLEX COMMUNICATIONS

370/464 COMMUNICATION TECHNIQUES FOR INFORMATION
CARRIED IN PLURAL CHANNELS

370/465 ..Adaptive

370/468 ..Assignment of variable bandwidth or time
period for transmission or reception

3 455/426 (0 OR, 3 XR)

Class 455 : TELECOMMUNICATIONS

455/403 RADIOTELEPHONE SYSTEM

455/422 ..Zoned or cellular telephone system

455/426 ..Including other radio communication system
(e.g., cordless telephone, paging, trunking, etc.)

3 455/438 (2 OR, 1 XR)

Class 455 : TELECOMMUNICATIONS

455/403 RADIOTELEPHONE SYSTEM

455/422 ..Zoned or cellular telephone system

455/436 ..Handoff

455/438 ...Serving site initiated

3 455/443 (0 OR, 3 XR)

Class 455 : TELECOMMUNICATIONS

455/403 RADIOTELEPHONE SYSTEM

455/422 ..Zoned or cellular telephone system

455/436 ..Handoff

455/443 ...Overlapping cells

3 455/444 (2 OR, 1 XR)

Class 455 : TELECOMMUNICATIONS

455/403 RADIOTELEPHONE SYSTEM

455/422 .Zoned or cellular telephone system

455/436 ..Handoff

455/444 ...Between macro and micro cells

3 455/445 (0 OR, 3 XR)

Class 455 : TELECOMMUNICATIONS

455/403 RADIOTELEPHONE SYSTEM

455/422 .Zoned or cellular telephone system

455/445 ..Call routing (e.g., to prevent backhaul,
routing efficiency, least cost, or alternate routing)

3 455/458 (3 OR, 0 XR)

Class 455 : TELECOMMUNICATIONS

455/403 RADIOTELEPHONE SYSTEM

455/422 .Zoned or cellular telephone system

455/458 ..Specific paging technique

3 455/466 (1 OR, 2 XR)

Class 455 : TELECOMMUNICATIONS

455/403 RADIOTELEPHONE SYSTEM

455/466 .Auxiliary data signaling (e.g., short message
service (SMS))

3 455/560 (0 OR, 3 XR)

Class 455 : TELECOMMUNICATIONS

455/73 TRANSMITTER AND RECEIVER AT SAME STATION (E.G.,
TRANSCEIVER)

455/550 .Radiotelephone equipment detail

455/560 ..Switching unit detail (e.g., mobile telephone
switching office (MTSO), base station controller (BSC),
etc.)

2 370/347 (0 OR, 2 XR)

Class 370 : MULTIPLEX COMMUNICATIONS

370/310 COMMUNICATION OVER FREE SPACE

370/345 .Combining or distributing information via time
channels

370/347 ..Multiple access (e.g., TDMA)

2 370/348 (0 OR, 2 XR)

Class 370 : MULTIPLEX COMMUNICATIONS

370/310 COMMUNICATION OVER FREE SPACE

- 370/345 .Combining or distributing information via time channels
- 370/347 ..Multiple access (e.g., TDMA)
- 370/348 ...Channel reservation scheme

- 2 370/350 (2 OR, 0 XR)
 - Class 370 : MULTIPLEX COMMUNICATIONS
 - 370/310 COMMUNICATION OVER FREE SPACE
 - 370/345 .Combining or distributing information via time channels
 - 370/350 ..Synchronization

- 2 370/467 (0 OR, 2 XR)
 - Class 370 : MULTIPLEX COMMUNICATIONS
 - 370/464 COMMUNICATION TECHNIQUES FOR INFORMATION CARRIED IN PLURAL CHANNELS
 - 370/465 .Adaptive
 - 370/466 ..Converting between protocols
 - 370/467 ...Conversion between signaling protocols

- 2 379/230 (0 OR, 2 XR)
 - Class 379 : TELEPHONIC COMMUNICATIONS
 - 379/219 PLURAL EXCHANGE NETWORK OR INTERCONNECTION
 - 379/229 .Interexchange signalling
 - 379/230 ..Signalling path distinct from trunk (e.g., CCIS)

- 2 455/452 (1 OR, 1 XR)
 - Class 455 : TELECOMMUNICATIONS
 - 455/403 RADIOTELEPHONE SYSTEM
 - 455/422 .Zoned or cellular telephone system
 - 455/450 ..Channel allocation
 - 455/452 ...Dynamic allocation

- 2 455/456 (0 OR, 2 XR)
 - Class 455 : TELECOMMUNICATIONS
 - 455/403 RADIOTELEPHONE SYSTEM
 - 455/422 .Zoned or cellular telephone system
 - 455/456 ..Location monitoring

- 2 455/461 (1 OR, 1 XR)
 - Class 455 : TELECOMMUNICATIONS
 - 455/403 RADIOTELEPHONE SYSTEM
 - 455/461 .Including personal numbering system (i.e., intelligent network for subscriber tracking or follow-me

subscriber feature)

2 455/519 (0 OR, 2 XR)

Class 455 : TELECOMMUNICATIONS

455/39 TRANSMITTER AND RECEIVER AT SEPARATE STATIONS

455/500 .Plural transmitters or receivers (i.e., more
than two stations)

455/507 ..Central station (e.g., master, etc.)

455/517 ...To or from mobile station

455/518Having talk group

455/519Talk group forming (e.g., dynamic
regrouping, talk group assignment)

2 455/520 (0 OR, 2 XR)

Class 455 : TELECOMMUNICATIONS

455/39 TRANSMITTER AND RECEIVER AT SEPARATE STATIONS

455/500 .Plural transmitters or receivers (i.e., more
than two stations)

455/507 ..Central station (e.g., master, etc.)

455/517 ...To or from mobile station

455/518Having talk group

455/520On-site or multi-site trunking

Most Frequently Occurring Classifications of Patents Returned
From A Search of 09711590 on January 10, 2003

Original Classifications

7 455/436
3 370/335
3 455/458
2 370/331
2 370/350
2 455/432
2 455/435
2 455/437
2 455/438
2 455/444
2 455/450
2 455/512

Cross-Reference Classifications

7 455/436
6 455/439
6 455/453
4 370/331
4 455/434
4 455/442
4 455/512
3 370/468
3 455/422
3 455/426
3 455/432
3 455/437
3 455/443
3 455/445
3 455/450
3 455/509
3 455/560
2 370/347
2 370/348
2 370/467
2 379/230
2 455/435
2 455/456
2 455/466
2 455/519
2 455/520

Combined Classifications

14 455/436
7 455/439
6 370/331
6 455/453
6 455/512
5 455/432
5 455/434
5 455/437
5 455/450
4 370/335
4 455/422
4 455/435
4 455/442
4 455/509
3 370/468
3 455/426
3 455/438
3 455/443
3 455/444
3 455/445
3 455/458
3 455/466
3 455/560
2 370/347
2 370/348
2 370/350
2 370/467
2 379/230
2 455/452
2 455/456
2 455/461
2 455/519
2 455/520

PLUS Search Results for S/N 09711590, Searched January 10, 2003

6205128
6385451
6006091
5839067
5937353
5987331
6477370
6169900
6031827
6125276
5381464
5596625
5873042
5930723
5966662
6131029
6141554
6205336
6215782
6215782
6233222
6233453
6334052
6493555
5787080
5974036
5497504
5884174
6038452
6198936
6314293
6044270
6108323
6134440
6249681
5457737
5864761
5991619
6148204
6188897
6192248
6219343
6223046

6219343
6223046
6233455
4612415
4881271
5203008
5203020